**3GPP TSG-RAN WG3 #126 R3-247806**

**Orlando, U.S.A., 18th-22nd November 2024**

**Agenda Item: 17.3**

**Source: Ericsson (Moderator)**

**Title: Summary of offline discussions: Rel-19 Network Energy Saving OD-SIB1**

**Document for: Discussion and Approval**

# Introduction

**The CB is related to AI 17.3.**

**CB: # R19ES**

**- Discuss the open issues above**

(moderator - E///)

Summary of offline disc [R3-245737](file:///C%3A%5C3GPP%5CRAN3%5C2024%5CRAN3%23125bis%5CWork%20On%20Site%5CInbox%5CR3-245737.zip)

# For the Chairman’s Notes

It is proposed to capture the following RAN3 agreements in the chairman’s notes**:**

**Proposal 1:**

The purpose of the new XnAP procedure is to enable an NG-RAN node1 to provide UL WUS configuration information to NG-RAN node2

The procedure uses non UE-associated signaling.

Cell A stores the UL WUS configuration information after it has received it.

**Proposal 2:**

A Class 2 procedure is to be introduced for Cell A gNB to signal to NES Cell gNB that it stops the UL WUS configuration broadcast in its SIB.

The procedure uses non UE-associated signalling.

**Proposal 3:**

Reuse the existing IE “Served Cell Information” IE to include UL WUS configuration from gNB-DU to gNB -CU in F1 Setup Request and gNB-DU Configuration Update procedures,

**Proposal 4:**

The CRs are agreed as Baseline CR:

XnAP: R3-247857

F1AP: R3-247858

# 3 Discussion

We have already made the following agreements:

* *The UL WUS configuration will be transferred over Xn via a new class1 defined procedure.*
* *Cell A gNB can decide and signal to NES Cell gNB that it stops the UL WUS configuration broadcast in its SIB.*

We first make the agreement for the XnAP and F1AP TPs implementing the above agreements (with or without FFS).

We further discuss what more are needed.

# 4 Discussion on XnAP TP

We have already made the following agreements:

* *The UL WUS configuration will be transferred over Xn via a new class1 defined procedure.*
* *Cell A gNB can decide and signal to NES Cell gNB that it stops the UL WUS configuration broadcast in its SIB.*

The below captures the XnAP agreements.

### 8.x.x UL WUS Configuration Provision (FFS)

#### 8.x.x.1 General

The purpose of the UL WUS Configuration Provision procedure is to enable an NG-RAN node1 to provide UL WUS configuration information to NG-RAN node2 and request NG-RAN node2 to transmit UL WUS configuration information (FFS)

The procedure is also used to enable an NG-RAN node1 to request NG-RAN node2 to discontinue transmission of UL WUS configuration. (FFS)

The procedure uses non UE-associated signaling.

#### 8.x.x.2 Successful Operation



Figure 8.x.x.2-1: UL WUS Configuration Provision, successful operation

Cell A stores the UL WUS configuration information after it has received it.

Cell A stores the UL WUS configuration information after it has been requested to be discontinued (FFS)

Cell A removes the UL WUS configuration information after it has been requested to be stopped (FFS)

#### 8.x.x.3 Unsuccessful Operation



Figure 8.x.x.3-1: UL WUS Configuration Provision, unsuccessful operation

#### x.x.x.4 Abnormal Conditions

Void.

### 8.x.y UL WUS Configuration transmission status Updates (FFS)

#### 8.x.y.1 General

The procedure uses non UE-associated signalling.

#### 8.x.y.2 Successful Operation



Figure 8.x.y.2-1: UL WUS Configuration Provision Change, successful operation

The message name is FFS

#### 8.x.y.3 Unsuccessful Operation

Not applicable.

#### 8.x.y.4 Abnormal Conditions

Void.

# 5 Discussion on F1AP TP

Reuse the existing message.

Include UL WUS configuration from gNB-DU to gNB -CU;

# 6 Moderator Summary

The Xn TP in Chapter 4 is captured in the Baseline XnAP CR.

The F1AP in Chapter 5 is included in the Baseline F1AP CR.

The Green text of Chapter 4/5 are captured in the Chairman notes.